PORTAL
USPTO

Search: ⦿ The ACM Digital Library   ○ The Guide

Multicasting of Broadcast of announcing session

THE ACM DIGITAL LIBRARY

i⁴ Feedback Report a problem Satisfaction survey

Terms used: **Multicasting** of **Broadcast** of **announcing** **session**   Found **2,985** of **216,412**

Sort results by   relevance   ⬧ Save results to a Binder   Try an Advanced Search
                                              ？ Search Tips   Try this search in The ACM Guide
Display results   expanded form   ☐ Open results in a new window

Results 1 - 20 of 200   Result page: **1** 2 3 4 5 6 7 8 9 10   next
Best 200 shown   Relevance scale ☐ ▭ ▦ ▩ ▦

1   A reliable multicast framework for light-weight sessions and application level framing   ▩
     Sally Floyd, Van Jacobson, Steve McCanne, Ching-Gung Liu, Lixia Zhang
     October 1995 **ACM SIGCOMM Computer Communication Review , Proceedings of the
          conference on Applications, technologies, architectures, and protocols
          for computer communication SIGCOMM '95**, Volume 25 Issue 4
     Publisher: ACM Press

     Full text available: 📄 pdf(1.67 MB)   Additional Information: full citation, abstract, references, citings, index terms

     This paper describes SRM (Scalable Reliable Multicast), a reliable multicast framework for
     application level framing and light-weight sessions. The algorithms of this framework are
     efficient, robust, and scale well to both very large networks and very large sessions. The
     framework has been prototyped in wb, a distributed whiteboard application, and has been
     extensively tested on a global scale with sessions ranging from a few to more than 1000
     participants. The paper describes the principles tha ...

2   Policy tree multicast routing: an extension to sparse mode source tree delivery   ▩
     Horst Hodel
     April 1998 **ACM SIGCOMM Computer Communication Review**, Volume 28 Issue 2
     Publisher: ACM Press
     Full text available: 📄 pdf(2.41 MB)   Additional Information: full citation, abstract, citings, index terms

     Bandwidth-sensitive multicast delivery controlled by routing criteria pertinent to the actual
     traffic flow is very costly in terms of router state and control overhead and it scales poorly
     towards larger, wide-area networks. PIM-SM (Protocol-independent Multicast - Sparse
     Mode) has been introduced as a simple, flexible and scalable concept for Internet-wide
     multicasting. Yet, PIM's efficiency potential (like that of alternative wide-area multicast
     concepts) can only be fully exploited if it is b ...

3   Efficient communication in a design environment   ▩
     Idalina Videira, Paulo Veríssimo, Helena Sarmento
     June 1996 **Proceedings of the 33rd annual conference on Design automation DAC '96**
     Publisher: ACM Press
     Full text available: 📄 pdf(55.24 KB)   Additional Information: full citation, references, citings, index terms

4   An evaluation of quality of service characteristics of PACS packet channel   ▩

Behcet Sarikaya, Mehmet Ulema
December 1999 **Mobile Networks and Applications**, Volume 4 Issue 4
Publisher: Kluwer Academic Publishers
Full text available: pdf(212.95 KB)   Additional Information: full citation, abstract, references, index terms

A novel application on the recently emerging wireless Personal Communications Systems (PCS) is the multimedia communication. In this paper, we evaluate multimedia communications capability and quality of service characteristics of one of the PCS standards, Personal Access Communications Systems's (PACS) packet channel (PPC) using simulation modeling. The performance of PPC's slot aggregation and data-sense multiple access techniques are studied by considering the downlink and uplink in a si ...

5 Multimedia communication in cellular PACS network

Yukio Hashimoto, Behcet Sarikaya, Mehmet Ulema
September 1997 **Proceedings of the 3rd annual ACM/IEEE international conference on Mobile computing and networking MobiCom '97**
Publisher: ACM Press
Full text available: pdf(1.26 MB)   Additional Information: full citation, references, citings, index terms

Keywords: FDD, MPEG, Maisie, PACS, PCS, TDD, TDMA, handover, mobile computing, segment

6 Distribution Overlays: Broadcast federation: an application-layer broadcast internetwork

Yatin Chawathe, Mukund Seshadri
May 2002 **Proceedings of the 12th international workshop on Network and operating systems support for digital audio and video NOSSDAV '02**
Publisher: ACM Press
Full text available: pdf(414.86 KB)   Additional Information: full citation, abstract, references, citings, index terms

Researchers and commercial developers have proposed several protocols to enable efficient multi-point communication both at the IP layer and at the application or overlay layer. However, no single protocol has made enough headway in terms of deployment for it to span the entire Internet. In fact, we believe that none of the existing multicast or broadcast protocols will become the sole dominant Internet broadcasting technology any time in the near future. Instead, we expect islands of non-intero ...

Keywords: broadcast, inter-domain, internetworking, multicast, overlay

7 Multimedia, data distribution and session management: Multi-user session control in the next generation wireless system

Eduardo Cerqueira, Paulo Mendes, Edmundo Monteiro
October 2006 **Proceedings of the 4th ACM international workshop on Mobility management and wireless access MobiWac '06**
Publisher: ACM
Full text available: pdf(1.07 MB)   Additional Information: full citation, abstract, references, index terms

Next generation IP wireless systems are envisioned to be heterogeneous and to provide ubiquitous services to mobile users with different quality of service requirements. Furthermore, in order to attract and keep customers, mobile operators are expanding their portfolio with the inclusion of publish-subscribe services, such as real-time multimedia sessions. This paper presents a signalling application layer based on the *Next*

Steps in Signalling (NSIS) framework that aims to provide the con ...

Keywords: heterogeneous wireless systems, multi-user session, quality of service

8 Session III: Mobility Management in multimedia networks: Mobility support in unified communication networks

Helen J. Wang, Randy H. Katz

July 2001 **Proceedings of the 4th ACM international workshop on Wireless mobile multimedia WOWMOM '01**

Publisher: ACM Press

Full text available: pdf(1.11 MB)   Additional Information: full citation, abstract, references, index terms

Rapid advances in communication networks and device technologies have enabled people with powerful means of communications. It is common for any individual to be associated with a number of heterogeneous communication devices (such as phones, pagers, PDAs) or a variety of applications (such as e-mail, instant messaging, or chat-rooms). This phenomenon has spurred a great demand for *unifie dcommunication* [20] services which integrate one's various communication mechanisms in a meaningful a ...

9 Estimating membership in a multicast session

Sara Alouf, Eitan Altman, Chadi Barakat, Philippe Nain

June 2003 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2003 ACM SIGMETRICS international conference on Measurement and modeling of computer systems SIGMETRICS '03**, Volume 31 Issue 1

Publisher: ACM Press

Full text available: pdf(2.42 MB)   Additional Information: full citation, abstract, references, index terms

We propose two novel on-line estimation algorithms to determine the size of a dynamic multicast group. We first use a Wiener filter to derive an optimal estimator for the membership size of the session in case the join process is Poisson and the lifetime of participants is distributed exponentially. We next develop the best first-order linear filter from which we derive an estimator that holds for any lifetime distribution. We apply this approach to the case where the lifetime distribution is hy ...

Keywords: M/G/8 queue, Wiener filter, first-order linear filter, membership size, multicast applications, on-line estimation

10 Minimum-power multicast routing in static ad hoc wireless networks

Peng-Jun Wan, Gruia Călinescu, Chih-Wei Yi

June 2004 **IEEE/ACM Transactions on Networking (TON)**, Volume 12 Issue 3

Publisher: IEEE Press

Full text available: pdf(257.51 KB)   Additional Information: full citation, abstract, references, citings, index terms

Wieselthier et al. (2000) proposed three greedy heuristics for Min-Power Asymmetric Broadcast Routing: SPT (shortest-path tree), MST (minimum spanning tree), and BIP (broadcasting incremental power). Wan et al. (2001) proved that SPT has an approximation ratio of at least ($n2$) where n is the total number of nodes, and both MST and BIP have constant approximation ratios. Based on the approach of pruning, Wieselthier et al. also proposed three greedy heuristics for Min-Power Asymmetr ...

Keywords: approximation algorithms, multicast routing, power control

11 Satellite-based information services: Tunable reliable multicast for periodic

information dissemination
Tina Wong, Thomas Henderson, Randy H. Katz
January 2002 **Mobile Networks and Applications**, Volume 7 Issue 1
Publisher: Kluwer Academic Publishers
Full text available: pdf(420.83 KB)   Additional Information: <u>full citation</u>, abstract, references, index terms

> Existing reliable transport protocols for periodic information dissemination ignore
> application semantics while attempting to be 100% reliable. "Application Level
> Framing" (ALF) suggests that taking application semantics into account when designing
> transport protocols can result in performance that is highly optimized for the network. We
> apply this principle in designing a policy-based TUNAble semi-reliable multicast protocol
> (TUNA) for periodic information dissemination. Specifically, TUNA is n ...
>
> **Keywords:** bandwidth constraint, content delivery, power constraint, reliable multicast,
> wireless device

12 Industrial perspectives on mobile video: The OMA BCAST standard for bearer-independent mobile TV services
Frank Hartung, Markus Kampmann, Thomas Rusert
September 2007 **Proceedings of the international workshop on Workshop on mobile video MV '07**
Publisher: ACM Press
Full text available: pdf(426.14 KB)   Additional Information: <u>full citation</u>, abstract, references, index terms

> Mobile TV is a developing service receiving a lot of attention and expectations. So far,
> different incompatible vertical standards exist that do not provide interoperability. In the
> Open Mobile Alliance, the Mobile Broadcast Services 1.0 (BCAST 1.0) standard has been
> developed and recently published. Its goal is to provide a common system for Mobile TV
> services at least 'above IP transport', so that the same service layer functionalities can be
> used for Mobile Broadcast and Mobile TV services ...
>
> **Keywords:** BCAST, BCMCS, DVB-H, MBMS, mobile TV, mobile broadcast

13 Editorial zone: Large scale content distribution protocols
Christoph Neumann, Vincent Roca, Rod Walsh
October 2005 **ACM SIGCOMM Computer Communication Review**, Volume 35 Issue 5
Publisher: ACM Press
Full text available: pdf(207.06 KB)   Additional Information: <u>full citation</u>, abstract, references, index terms

> This paper introduces large scale content distribution protocols, which are capable of
> scaling to massive numbers of users and providing low delay end-to-end delivery.
> Delivery of files and static objects is described, with real-time content streaming being
> outside the scope of this paper. The focus is on solutions provided by the IETF Reliable
> Multicast Transport Working Group. More precisely, the paper explains FLUTE, ALC and
> the associated building blocks. Then it discusses how these componen ...

14 Network Protocols
Andrew S. Tanenbaum
December 1981 **ACM Computing Surveys (CSUR)**, Volume 13 Issue 4
Publisher: ACM Press
Full text available: pdf(3.37 MB)   Additional Information: <u>full citation</u>, references, citings, index terms

15 <u>Multicasting in mobile ad-hoc networks: achieving high packet delivery ratios</u>
Thomas Kunz
October 2003 **Proceedings of the 2003 conference of the Centre for Advanced Studies on Collaborative research CASCON '03**
Publisher: IBM Press

Full text available: pdf(127.94 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index terms</u>

Multicasting is intended for group-oriented computing. There are more and more applications where one-to-many or many-to-many dissemination is an essential task. The multicast service is critical in applications characterized by the close collaboration of teams. Many applications, such as audio/video distribution, can tolerate loss of data content, but many other applications cannot. In addition, even loss-tolerant applications will suffer a performance penalty: an audio stream may experience a ...

16 <u>Integrated document caching and prefetching in storage hierarchies based on Markov-chain predictions</u>
Achim Kraiss, Gerhard Weikum
August 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 3
Publisher: Springer-Verlag New York, Inc.

Full text available: pdf(603.01 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>citings</u>, <u>index terms</u>

Large multimedia document archives may hold a major fraction of their data in tertiary storage libraries for cost reasons. This paper develops an integrated approach to the vertical data migration between the tertiary, secondary, and primary storage in that it reconciles speculative prefetching, to mask the high latency of the tertiary storage, with the replacement policy of the document caches at the secondary and primary storage level, and also considers the interaction of these policies with ...

Keywords: Caching, Markov chains, Performance, Prefetching, Scheduling, Stochastic modeling, Tertiary storage

17 <u>Posters: DRKH: dynamic re-keying with key hopping</u>
Ahmad M. Kholaif, Magda B. Fayek, Hussein S. Eissa, Hoda A. Baraka
October 2005 **Proceedings of the 2nd ACM international workshop on Performance evaluation of wireless ad hoc, sensor, and ubiquitous networks PE-WASUN '05**
Publisher: ACM Press

Full text available: pdf(174.47 KB)   Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>index terms</u>

In this paper, we present Dynamic Re-keying with Key Hopping (DRKH) encryption protocol that uses RC4 encryption technique to ensure a strong security level with the advantage of low execution cost compared to other IEEE 802.11 security schemes.

Keywords: WLAN security, authentication, dynamic re-keying, key hopping, low power devices

18 <u>Session 7A: New notions of security: achieving universal composability without trusted setup</u>
Manoj Prabhakaran, Amit Sahai
June 2004 **Proceedings of the thirty-sixth annual ACM symposium on Theory of computing STOC '04**
Publisher: ACM Press

Additional Information: <u>full citation</u>, <u>abstract</u>, <u>references</u>, <u>citings</u>, <u>index</u>

Full text available: 📄 pdf(253.45 KB)   terms

We propose a modification to the framework of Universally Composable (UC) security [3].
Our new notion involves comparing the real protocol execution with an ideal execution
involving ideal functionalities (just as in UC-security), but allowing the environment and
adversary access to some super-polynomial computational power. We argue the
meaningfulness of the new notion, which in particular subsumes many of the traditional
notions of security. We generalize the Universal Composition theorem of ...

Keywords: environmental security, general composition, generalized environmental
security, secure multi-party computation, secure protocols, simulation, universal
composability

19 Announcements: Fourth annual visual effects (VES) awards   ▆
Newton Lee
October 2005 **Computers in Entertainment (CIE)**, Volume 3 Issue 4
Publisher: ACM
Full text available: 📄 pdf(399.42 KB)   Additional Information: full citation, index terms

20 Brave new topics - session 1: multimedia service composition: Towards an integrated ▆
◆ multimedia service hosting overlay
Dongyan Xu, Xuxian Jiang
October 2004 **Proceedings of the 12th annual ACM international conference on
        Multimedia MULTIMEDIA '04**
Publisher: ACM Press
Full text available: 📄 pdf(148.37 KB)   Additional Information: full citation, abstract, references, citings, index
                                                                    terms

With the proliferation of multimedia data sources on the Internet, we envision an
increasing demand for value-added and function-rich multimedia services that transport,
process, and analyze multimedia data on behalf of end users. More importantly,
multimedia services are expected to be easily accessible and composable by users. In this
paper, we propose MSODA, a service-oriented platform that hosts a wide spectrum of
media services provided by different parties. From the user's point of view ...

Keywords: composition, hosting, media service, virtualization

Results 1 - 20 of 200   Result page: **1**   2   3   4   5   6   7   8   9   10   next

Google Scholar

Broadcasting session announcement   Search

Scholar   All articles - <u>**Recent articles**</u> Results 1 - **10** of about **18,700** for **Broadcasting session anno**

All Results

Y Chawathe

S McCanne

J Roth

E Brewer

T Hodes

Scattercast: an adaptable broadcast distribution framework - all 9 versions »
Y Chawathe - Multimedia Systems, 2003 - Springer
... as published in the **session announcement**), the source ... specific modules required by
that **session**. ... Scattercast: an adaptable **broadcast** distribution framework ...
Cited by 58 - Related Articles - Web Search

Transmission **announcement** system and method for announcing upcoming data transmissions over a ... - all 6 versions »
KJ Birdwell, B Moran, JR Sargent, CR Witty, DS ... - US Patent 6,973,050, 2005 - Google Patents
... the associated content to be transmitted over the **broadcast** network, or by ... the multicast
packet is written according to the **Session Announcement** Protocol and ...
Cited by 29 - Related Articles - Web Search

[PDF] Internet MBone broadcast management system - all 12 versions »
D Wu, A Swan, LA Rowe - Proceedings of SPIE- The International Society for Optical ...,
1999 - openmash.org
... components that are used in a **broadcast** and **broadcast** congurations that ... multimedia
ses- sions for the purposes of **session announcement**, **session** invitation, and ...
Cited by 13 - Related Articles - View as HTML - Web Search

Scalable multimedia communication using IP Multicast andlightweight sessions - all 6 versions »
S McCanne - Internet Computing, IEEE, 1999 - ieeexplore.ieee.org
... campus communi- ty to be **broadcast** only to ... listen" model in which each **session**
member
periodically ... times out unless refreshed by a subsequent **announcement**. ...
Cited by 38 - Related Articles - Web Search

[PDF] CISMUNDUS: convergence of digital broadcast and mobile telecommunications - all 3 versions »
M Berg, S Butterfield, J Cosmas, P Casagranda, D ... - Proceedings of the IBC 2003
Conference, Amsterdam, September, 2003 - broadcastpapers.com
... 595 over the **broadcast** network (using for instance the **Session Announcement**
Protocol[9]) or to make them available via a file server, as depicted in Figure ...
Cited by 12 - Related Articles - View as HTML - Web Search

[PDF] An architecture for internet content distribution as an infrastructure service - all 15 versions »
Y Chawathe, S McCanne, E Brewer - Unpublished, available at http://www. cs. berkeley. edu/
... - nr.no
... For example, a real-time Internet **broadcast** may be com- posed of a ... well-known
scattercast **session** in a manner similar to the **Session Announcement** Protocol (SAP ...
Cited by 76 - Related Articles - View as HTML - Web Search

Global Information Broadcast: an architecture for Internet pushchannels - all 6 versions »

T Liao - Internet Computing, IEEE, 2000 - ieeexplore.ieee.org
... Figure 2. The Global Information **Broadcast** architecture. ... to push channels (see Figure 3). The proposed architecture uses **Session Announcement** Protocol 11 to ...
Cited by 10 - Related Articles - Web Search

A streaming architecture for next generation Internet - all 8 versions »
A Dutta, H Schulzrinne, T Technol, NJ Morristown - Communications, 2001. ICC 2001. IEEE International ..., 2001 - ieeexplore.ieee.org
... These radio stations send their **session announcement** using subset of SDP parameters to ... variant of SDP gives us more details about the programs being **broadcast**. ...
Cited by 16 - Related Articles - Web Search

Individual single source authentication on the MBONE
F Bergadano, D Cavagnino, B Crispo - Multimedia and Expo, 2000. ICME 2000. 2000 IEEE ..., 2000 - ieeexplore.ieee.org
... **Announcement: broadcast** the following: **session** number SN, starting time ST, ffk = hk(a) (where a is a random secret, h is a collision-resistant hash function ...
Cited by 19 - Related Articles - Web Search

Customized Internet radio - all 4 versions »
V Krishnan, SG Chang - Computer Networks, 2000 - Elsevier
... its attributes using the **Session Announcement** Protocol (SAP) [7] on a well-known multicast address. The attributes include information on the **broadcast** such as ...
Cited by 10 - Related Articles - Web Search

Goooooooooogle ▶

Result Page: 1 2 3 4 5 6 7 8 9 10   **Next**

| Broadcasting session announcemen | Search |

Google Home - About Google - About Google Scholar

©2007 Google

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	101735	"707"/(218-219).ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L2	11629	L1 and (electronic next service next guide near$3 transmitt next announce and multimedia next session and video next stream same directory near$3 split and two same update).ab.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L3	7601	L2 and (announce and sessions and transmitt (first and second update same channel and internet next protocol nest address)).clm.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L4	7574	L3 and (first next set with announce next session next transmitt and network same second next set and update)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L5	2896	L4 and (update (quickly and efficiently) and channel)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L6	2835	L5 and (internet next protocol and respective next address)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L7	2745	L6 and (identify and update next session)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L8	2586	L7 and (announce and session next transmit and network)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L9	2561	L8 and (session next directory near$3 split with two (full next session and update next session))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
L10	77	L9 and (announce and session)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/03 14:26
S1	1	"20060253544".pn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:37
S2	101647	"707"/(218-219).ccls.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:38
S3	2	S2 and ((announce or broadcast) and session).ti.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 13:42

EAST Search History

S4	1	S1 and (electronic next service next guide near$3 transmitt next announce and multimedia next session and video next stream same directory near$3 split and two same update).ab.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:41
S5	11617	S2 and (electronic next service next guide near$3 transmitt next announce and multimedia next session and video next stream same directory near$3 split and two same update).ab.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:42
S6	7594	S5 and (announce and sessions and transmitt (first and second update same channel and internet next protocol nest address)).clm.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:43
S9	7567	S6 and (first next set with announce next session next transmitt and network same second next set and update)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:45
S10	2893	S9 and (update (quickly and efficiently) and channel)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:45
S11	2832	S10 and (internet next protocol and respective next address)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:46
S12	2742	S11 and (identify and update next session)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:50
S13	2585	S12 and (announce and session next transmit and network)	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:51
S14	2560	S13 and (session next directory near$3 split with two (full next session and update next session))	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 10:51
S16	1	"7080078".pn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 11:18
S17	1	"7031326".pn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 16:10
S18	1	"20010037500".pn.	US-PGPUB; USPAT; IBM_TDB	OR	ON	2008/01/02 16:10